



CERTIFICATE OF ANALYSIS

PRODUCT NAME : COBALT (II) NITRATE AR (HEXAHYDRATE)

CAS No : 10026- 22- 9
Mol. Formula : Co(NO₃)₂.6H₂O
Mol. WT : 291.03
Date of analysis : 25/02/23

Product code : 22700
Batch No. : MCRT-27728
Mfd. : Feb. 2023
Exp. : Jan. 2028

S. R	Test	Specification	Observation
1	Description	Red deliquescent crystals.	Red deliquescent crystals.
2	Assay	99.0% min.	99.12%
3	pH (5% aq.solution)	2.5 – 5.5	2.65
4	Insoluble matter	0.003% max.	0.002%
5	Chloride (Cl)	0.001% max.	<0.001%
6	Sulphate (SO ₄)	0.005% max.	<0.005%
7	Ammonium (NH ₄)	0.1% max.	<0.1%
8	Calcium (Ca)	0.005% max.	<0.005%
9	Copper (Cu)	0.001% max.	<0.001%
10	Iron (Fe)	0.002% max.	<0.002%
11	Lead (Pb)	0.001% max.	<0.001%
12	Manganese (Mn)	0.002% max.	<0.002%
13	Nickel (Ni)	0.01% max.	<0.01%
14	Potassium (K)	0.003% max.	<0.003%
15	Zinc (Zn)	0.005% max.	<0.005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Deepa)**

[QC Incharge]

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.